Freeform Search

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term:

Display: 10 **Documents in Display Format:** - **Starting with Number** 1

Generate: ○ **Hit List** ◉ **Hit Count** ○ **Side by Side** ○ **Image**

Search | Clear | Interrupt

Search History

DATE: Tuesday, February 21, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT; PLUR=YES; OP=ADJ			
L12	L11 and ((list or map or table) near6 (mirror$4 or redundant$3) with (name or label$4))	7	L12
L11	L9 or l8	2442	L11
L10	L9 and l8	257	L10
L9	707/204.ccls.	1364	L9
L8	(711/162).ccls.	1335	L8
DB=USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L7	(list or map$4 or table) near6 (mirror$4 or redundant$3) with (name or label$4)	14	L7
DB=PGPB,USPT; PLUR=YES; OP=ADJ			
L6	(((list or map or table) near6 (mirror$4 or redundant$3) with (name or label$4)) and ((list$3 or map$4 or table) near6 physical)).clm.	1	L6
L5	L4 and ((list or map or table) near6 (mirror$4 or redundant$3) with (name or label$4))	11	L5
L4	(711/112,114,202).ccls.	4607	L4
L3	L2 and l1	26	L3
L2	(list$3 or map$4 or table) near6 physical	49316	L2
L1	(list or map or table) near6 (mirror$4 or redundant$3) with (name or label$4)	95	L1

END OF SEARCH HISTORY

Results for "(((list or map$ or table) <near/6> (mirror$ or redundant$) <sentence> (name or label$))&..." e-mail
Your search matched **1** of **1318251** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

(((list or map$ or table) <near/6> (mirror$ or redundant$) <sentence> (name or label$ Search

Check to search only within this results set

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

Display Format: Citation Citation & Abstract

view selected items Select All Deselect All

1. **An efficient digital search algorithm by using a double-array structure**
Aoe, J.-I.; Yasutome, S.; Sato, T.;
Computer Software and Applications Conference, 1988. COMPSAC 88. Proce International
5-7 Oct. 1988 Page(s):472 - 479
Digital Object Identifier 10.1109/CMPSAC.1988.17222
AbstractPlus | Full Text: PDF(476 KB) IEEE CNF
Rights and Permissions

Terms used
list or **map** or **table near/6 mirror** or **redundant sentence name** or **label**

Found **28,500** of **171,143**

Sort results by: relevance

Display results: expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Best 200 shown

Relevance scale

1 Special issue on knowledge representation

Ronald J. Brachman, Brian C. Smith

February 1980 **ACM SIGART Bulletin**, Issue 70

Publisher: ACM Press

Full text available: pdf(13.13 MB) Additional Information: full citation, abstract

In the fall of 1978 we decided to produce a special issue of the SIGART Newsletter devoted to a survey of current knowledge representation research. We felt that there were twe useful functions such an issue could serve. First, we hoped to elicit a clear picture of how people working in this subdiscipline understand knowledge representation research, to illuminate the issues on which current research is focused, and to catalogue what approaches and techniques are currently being developed. Secon ...

2 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

3 Document Formatting Systems: Survey, Concepts, and Issues

Richard Furuta, Jeffrey Scofield, Alan Shaw

September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Publisher: ACM Press

Full text available: pdf(5.36 MB) Additional Information: full citation, references, citings, index terms

4 User interfaces: Semantic database mapping in EUFID

John F. Burger

May 1980 **Proceedings of the 1980 ACM SIGMOD international conference on Management of data SIGMOD '80**

Publisher: ACM Press

Full text available: pdf(799.09 KB) Additional Information: full citation, abstract, references, citings

The End-User Friendly Interface to Data Management (EUFID) is a processing system of programs which permits users to query a database in a natural English-like way. The

EUFID system translates the user's question into a query expressed in the query language of the target DataBase Management System (DBMS). EUFID makes use of two very different views of the applications data: that of the users, and that of the DBMS. This paper describes the mapping of query statements from one view to the other. M ...

5 Translator writing systems

Jerome Feldman, David Gries
February 1968 **Communications of the ACM**, Volume 11 Issue 2
Publisher: ACM Press
Full text available: pdf(4.47 MB) Additional Information: full citation, abstract, references, citings

A critical review of recent efforts to automate the writing of translators of programming languages is presented. The formal study of syntax and its application to translator writing are discussed in Section II. Various approaches to automating the postsyntactic (semantic) aspects of translator writing are discussed in Section III, and several related topics in Section IV.

Keywords: compiler compiler-compiler, generator, macroprocessor, meta-assembler, metacompiler, parser, semantics, syntactic analysis, syntax, syntax-directed, translator, translator writing system

6 Technique for automatically correcting words in text

Karen Kukich
December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4
Publisher: ACM Press
Full text available: pdf(6.23 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Research aimed at correcting words in text has focused on three progressively more difficult problems:(1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent work correction. In response to the first problem, efficient pattern-matching and n-gram analysis techniques have been developed for detecting strings that do not appear in a given word list. In response to the second problem, a variety of general and application-specific spelling cor ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, grammar checking, natural-language-processing models, neural net classifiers, spell checking, spelling error detection, spelling error patterns, statistical-language models, word recognition and correction

7 Information storage and retrieval: a survey and functional description

Jack Minker
September 1977 **ACM SIGIR Forum**, Volume 12 Issue 2
Publisher: ACM Press
Full text available: pdf(5.14 MB) Additional Information: full citation, abstract, references

Information Storage and Retrieval (IS&R) encompasses a broad scope of topics ranging from basic techniques for accessing data to sophisticated approaches for the analysis of natural language text and the deduction of information. Within the field, three general areas of investigation can be distinguished not only by their subject matter but also by the types of individuals presently interested in them:(1) Document retrieval,(2) Generalized data management, and(3) Question-answering.A functional ...

Keywords: automatic indexing, data management, data structures, deductive search, information retrieval, natural language, problem solving, question-answering, relational data systems, theorem proving

8 ViSWeb—the Visual Semantic Web: unifying human and machine knowledge representations with Object-Process Methodology

Dov Dori

May 2004 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 13 Issue 2
Publisher: Springer-Verlag New York, Inc.
Full text available: pdf(1.22 MB) Additional Information: full citation, abstract, index terms

The Visual Semantic Web (ViSWeb) is a new paradigm for enhancing the current Semantic Web technology. Based on Object-Process Methodology (OPM), which enables modeling of systems in a single graphic and textual model, ViSWeb provides for representation of knowledge over the Web in a unified way that caters to human perceptions while also being machine processable. The advantages of the ViSWeb approach include equivalent graphic-text knowledge representation, visual navigability, semantic sentenc ...

Keywords: Conceptual graphs, Knowledge representation, Object-Process Methodology, Semantic Web, Visual Semantic Web

9 A method of geographical name extraction from Japanese text for thematic geographical search
Yasusi Kanada
November 1999 **Proceedings of the eighth international conference on Information and knowledge management**
Publisher: ACM Press
Full text available: pdf(1.28 MB) Additional Information: full citation, abstract, references, index terms

A text retrieval method called the thematic geographical search method has been developed and applied to a Japanese encyclopedia called the World Encyclopædia. In this method, the user specifies a search theme using free words, then obtains a sorted list of excerpts and hyperlinks to encyclopedia sentences that contain geographical names. Using this list, the user can also open maps that indicate the locations of the names. To generate an index of names for this searching, a method of ...

10 40 years later .... a new engine to handle an operating system infrastructure
Jean-Louis Lafitte
September 2004 **ACM SIGARCH Computer Architecture News**, Volume 32 Issue 4
Publisher: ACM Press
Full text available: pdf(212.01 KB) Additional Information: full citation, references

11 A dictionary of APL
Kenneth E. Iverson
September 1987 **ACM SIGAPL APL Quote Quad**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.34 MB) Additional Information: full citation, citings, index terms

12 Document searching, document annotation, and document metadata: Prefiltering techniques for efficient XML document processing
Chia-Hsin Huang, Tyng-Ruey Chuang, Hahn-Ming Lee
November 2005 **Proceedings of the 2005 ACM symposium on Document engineering DocEng '05**
Publisher: ACM Press
Full text available: pdf(442.96 KB) Additional Information: full citation, abstract, references, index terms

Document Object Model (DOM) and Simple API for XML (SAX) are the two major programming models for XML document processing. Each, however, has its own efficiency limitation. DOM assumes an in-core representation of XML documents which can be problematic for large documents. SAX needs to scan over the document in a linear manner in order to locate the interesting fragments. Previously, we have used tree-to-table mapping and indexing techniques to help answer structural queries to large, or large c ...

Keywords: DOM, SAX, prefiltering, structural query, two-phased XML processing model

13 Spoken dialogue technology: enabling the conversational user interface

Michael F. McTear

March 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 1

Publisher: ACM Press

Full text available: pdf(987.69 KB) Additional Information: full citation, abstract, references, citings, index terms, review

Spoken dialogue systems allow users to interact with computer-based applications such as databases and expert systems by using natural spoken language. The origins of spoken dialogue systems can be traced back to Artificial Intelligence research in the 1950s concerned with developing conversational interfaces. However, it is only within the last decade or so, with major advances in speech technology, that large-scale working systems have been developed and, in some cases, introduced into commerc ...

Keywords: Dialogue management, human computer interaction, language generation, language understanding, speech recognition, speech synthesis

14 Transfinite nesting in array-theoretic figures, changes, rigs, and arms. Part I

Trenchard More

September 1993 **ACM SIGAPL APL Quote Quad , Proceedings of the international conference on APL APL '93**, Volume 24 Issue 1

Publisher: ACM Press

Full text available: pdf(1.95 MB) Additional Information: full citation, abstract, references, index terms

Nesting and stemming (infinite successive singling) of arrays of nestings and stemmings result in forms. Forms of 0th-, 1st-, 2nd-, or 3rd-order, array-theoretic, totally defined functions are again such functions, called, respectively, figures, changes, rigs, and arms. One arms a rig before rigging a change before changing a figure. Part I lays the foundation for a new approach to a theory of arrays. This Part considers the analogy between array-theoretic and Euclidean figures, analyzes form se ...

Keywords: APL2, Nial, array theory, formal systems, function arrays, nested arrays

15 Programming languages for non-numeric processing—2: An introduction to the COGENT programming system

J. C. Reynolds

August 1965 **Proceedings of the 1965 20th national conference**

Publisher: ACM Press

Full text available: pdf(943.80 KB) Additional Information: full citation, abstract, references, citings, index terms

THE COGENT (COmpiler and GENeralized Translator) programming system is a compiler whose input language is designed to describe symbolic or linguistic manipulation algorithms. Although the system is intended primarily for use as a compiler compiler, it is also applicable to such problem areas as algebraic manipulation, mechanical theorem-proving, and heuristic programming. In designing the system the major objective has been to unify the concept of syntax-directed compilation

16 Generating English discourse from semantic networks

R. Simmons, J. Slocum

October 1972 **Communications of the ACM**, Volume 15 Issue 10

Publisher: ACM Press

Full text available: pdf(2.99 MB) Additional Information: full citation, references, citings

Keywords: deep case relations, discourse generation, grammars, semantic generation, semantic nets

17

Domain-independent natural language interfaces: Problems in natural-language interface to DBMS with examples from EUFID

Marjorie Templeton, John Burger

February 1983 **Proceedings of the first conference on Applied natural language processing**

Publisher: Association for Computational Linguistics

Full text available: pdf(1.18 MB) Additional Information: full citation, abstract, references, citings

Publisher Site

For five years the End-User Friendly Interface to Data management (EUFID) project team at System Development Corporation worked on the design and implementation of a Natural-Language Interface (NLI) system that was to be independent of both the application and the database management system. In this paper we describe application, natural-language and database management problems involved in NLI development, with specific reference to the EUFID system as an example.

18 A model for multimodal reference resolution

Luis Pineda, Gabriela Garza

June 2000 **Computational Linguistics**, Volume 26 Issue 2

Publisher: MIT Press

Full text available: pdf(3.60 MB) Additional Information: full citation, abstract, references

Publisher Site

An important aspect of the interpretation of multimodal messages is the ability to identify when the same object in the world is the referent of symbols in different modalities. To understand the caption of a picture, for instance, one needs to identify the graphical symbols that are referred to by names and pronouns in the natural language text. One way to think of this problem is in terms of the notion of anaphora; however, unlike linguistic anaphoric inference, in which antecedents for pronou ...

19 User Studies: Detecting and Browsing Events in Unstructured text

David A. Smith

August 2002 **Proceedings of the 25th annual international ACM SIGIR conference on Research and development in information retrieval**

Publisher: ACM Press

Full text available: pdf(210.57 KB) Additional Information: full citation, abstract, references, citings, index terms

Previews and overviews of large, heterogeneous information resources help users comprehend the scope of collections and focus on particular subsets of interest. For narrative documents, questions of "what happened? where? and when?" are natural points of entry. Building on our earlier work at the Perseus Project with detecting terms, place names, and dates, we have exploited co-occurrences of dates and place names to detect and describe likely events in document collections. We compare statistic ...

Keywords: information extraction, interactive IR, visualization

20 Circumscription with homomorphisms: solving the equality and counterexample problems

Peter K. Rathmann, Marianne Winslett, Mark Manasse

September 1994 **Journal of the ACM (JACM)**, Volume 41 Issue 5

Publisher: ACM Press

Full text available: pdf(4.00 MB) Additional Information: full citation, abstract, references, index terms

One important facet of common-sense reasoning is the ability to draw default conclusions about the state of the world, so that one can, for example, assume that a given bird flies in the absence of information to the contrary. A deficiency in the circumscriptive approach to common-sense reasoning has been its difficulties in producing default that Tweety ≠ Blutto using ordinary circumscription, or conclude by default that a particular bird fl ...

Keywords: circumscription, common sense reasoning